

20010216.qrp v02_n100.qrl.20010216

Date: Fri, 16 Feb 2001 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2100

QRP-L Digest 2100

Topics covered in this issue include:

- 1) [91801] KK6MC Revised FOX Log
by "James R. Duffey" <jamesd1@flash.net>
- 2) [91802] Re: Filter design program
by "laura halliday" <marsgal42@hotmail.com>
- 3) [91803] Fox: Cub Fox Log
by Dan Wolfe <n4roa@mounet.com>
- 4) [91804] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 5) [91805] TT Transverter fs
by David Heintzleman <pstrdave@kdsi.net>
- 6) [91806] FOX Jim's There
by "Karl F. Larsen" <k5di@zianet.com>
- 7) [91807] C6AGS on 7.012 @ 0306Z
by david gauding <david.gauding@bbs.galilei.com>
- 8) [91808] V47X on 7.024 @ 0320Z
by david gauding <david.gauding@bbs.galilei.com>
- 9) [91809] TIP3055 good for Final Amp for SW+?
by Timothy Gordish <kb9lgj@arrl.net>
- 10) [91810] Re: TIP3055 good for Final Amp for SW+?
by Bob Liesenfeld <wb0poq@visi.com>
- 11) [91811] SMK-1
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 12) [91812] Re: [GQRP] Re: Support for portable mast
by George Gingell <k3tks@u1.abs.net>
- 13) [91813] Warbler Round 3 board--auggghh!
by Jeff Logullo <logullo@earthlink.net>
- 14) [91814] AL7FS ALASKA QRP LUNCH DEAL OF THE YEAR
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 15) [91815] test do not read
by GUARDM@aol.com
- 16) [91816] test dop not read
by GUARDM@aol.com
- 17) [91817] Safari-4
by Tim ORourke <TORourke@KaiserFT.com>
- 18) [91818] Re: OT: HTML Editor?? THANK you ALL!!!
by Jeff Chambers <k11@micron.net>
- 19) [91819] Re: SMK-1

by "Karl F. Larsen" <k5di@zianet.com>
20) [91820] Warberl Run 3 boards all shipped
by n2cx@voicenet.com
21) [91821] RE: Anyone have info on IVEX Software?
by <todd_nichols@cree.com>
22) [91822] SMK-1
by "Karl F. Larsen" <k5di@zianet.com>
23) [91823] Re: TIP3055 good for Final Amp for SW+?
by "Charlie Fitts" <cfitts@neca.com>
24) [91824] Full Wave Loop
by "Joe Trombino" <w2kj@earthlink.net>
25) [91825] Re: SMK-1
by John Wagner <john@neknetwork.com>
26) [91826] Re: Full Wave Loop
by Pete Burbank <plburbank@kih.net>
27) [91827] [PSK] Need help with PSK31
by John R Kirby <n3aaz-qrp@juno.com>
28) [91828] Re: SMK-1
by "Karl F. Larsen" <k5di@zianet.com>
29) [91829] Re: For Sale:Red Hot 40
by "Jay Bromley" <w5jay@alltel.net>
30) [91830] Re: SMK-1
by "Karl F. Larsen" <k5di@zianet.com>
31) [91831] Re: Full Wave Loop
by "Karl F. Larsen" <k5di@zianet.com>
32) [91832] Re: Full Wave Loop
by agtaylor@llnl.gov
33) [91833] Re: Full Wave Loop
by "Victor Blackwell" <victor@brecnet.com>
34) [91834] OT: A cool web browser
by Dragon Singer <dragonsinger@earthlink.net>
35) [91835] Re: TIP3055 good for Final Amp for SW+?
by "laura halliday" <marsgal42@hotmail.com>
36) [91836] Q Dope
by WY1W@aol.com
37) [91837] PSK31, baud or cycles????
by Robert McAtee <w5tnj@camalott.com>
38) [91838] Digital Potentiometer
by "Steven Weber" <kd1jv@moose.ncia.net>
39) [91839] Re: Q Dope
by Pete Burbank <plburbank@kih.net>
40) [91840] Re: PSK31, baud or cycles????
by "Matthew Collier/cis/evp/Okstate" <mwc@okstate.edu>
41) [91841] Re: Digital Potentiometer
by Phil Wheeler <w7ox@earthlink.net>
42) [91842] Re: Q Dope
by Rick Robinson <rrobins@email.uncc.edu>
43) [91843] Re: Q Dope

by Pete Burbank <plburbank@kih.net>
44) [91844] Re: Full Wave Loop
by "Lau, Zack, W1VT" <zlau@arrl.org>
45) [91845] Re: Q Dope
by "Steven Weber" <kd1jv@moose.ncia.net>
46) [91846] Re: Q Dope - how about using Plumbers Silicone Seal
by geoff allsup <gallsup@whoi.edu>
47) [91847] Q-Dope
by "Doug Hendricks" <ki6ds@dph.dpol.net>
48) [91848] Attic beam ready for the contest, de N4UY
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
49) [91849] Re: Anyone have info on IVEX Software?
by "Phinizy, William" <wphinizy@filenet.com>
50) [91850] Re: Full Wave Loop
by "Pastor-KC1DI" <elbc@pivot.net>
51) [91851] Re: A cool web browser
by "Pastor-KC1DI" <elbc@pivot.net>
52) [91852] Re: PSK31, baud or cycles????
by "laura halliday" <marsgal42@hotmail.com>
53) [91853] Re: Digital Potentiometer
by "Steven Weber" <kd1jv@moose.ncia.net>
54) [91854] Baud
by John R Kirby <n3aaz-qrp@juno.com>
55) [91855] Attic beam -- the details, de N4UY
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
56) [91856] Problem : NC40A "Birdie"
by "Dennis Payton" <dpayton@fwi.com>
57) [91857] Re: Q-Dope
by Pete Burbank <plburbank@kih.net>
58) [91858] SMK-1 on from ND tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
59) [91859] 2N4124
by "Brian" <bmurrey@amexol.net>
60) [91860] Key Anti-Skid
by "Chuck Carpenter" <w5usj@globeco.net>
61) [91861] FOX: Raw log NOUR
by Jim NOUR <n0ur@yahoo.com>
62) [91862] RE: Full Wave Loop
by <schoon@amgt.com>
63) [91863] Re: Digital Potentiometer
by "Mike WA8BXN" <hubby2k@hotmail.com>
64) [91864] Re: Problem : NC40A "Birdie"
by Phil Wheeler <w7ox@earthlink.net>
65) [91865] Re: A cool web browser
by "Chris" <w4yyz@tampabay.rr.com>
66) [91866] Hamcalc
by George Murphy <ve3erp@encode.com>
67) [91867] Mounting the MP-1 on the FT-817

by "Bob White" <bobwhite@innercite.com>
 68) [91868] WTB Poqet PC
 by GUARDM@aol.com
 69) [91869] Beacon Keyer Help???
 by Fred Lesnick <flesnick@tbaytel.net>
 70) [91870] Re: Q-Dope
 by "John Moriarity" <k6qq@hdo.net>
 71) [91871] Re: Q Dope - how about using Plumbers Silicone Seal
 by "Don Wilhelm" <w3fpr@arrl.net>
 72) [91872] Re: Q Dope
 by <baltimoremd@baltimoremd.com>
 73) [91873] Re: Q-Dope
 by "Russ Hines" <radioruss@fuse.net>
 74) [91874] Morse Midi
 by Somerville <somerville@uniserve.com>
 75) [91875] Re: Beacon Keyer Help???
 by Steve Yates - AA5TB <aa5tb@arrl.net>
 76) [91876] Re: SMK-1 on from ND tonight
 by "Karl F. Larsen" <k5di@zianet.com>

 Date: Thu, 15 Feb 2001 17:47:09 -0700
 From: "James R. Duffey" <jamesd1@flash.net>
 To: qrp-l <qrp-l@lehigh.edu>
 Subject: [91801] KK6MC Revised FOX Log
 Message-ID: <B6B1C69D.69FF%jamesd1@flash.net>
 Mime-version: 1.0
 Content-type: text/plain; charset="US-ASCII"
 Content-transfer-encoding: 7bit

Many of you caught the mistakes!! Good Work. Some of you caught mistakes that I didn't intend to make. Here is the revised list. I will take updates again, then submit it as final.

0200	W0CH	579	MO	Dave	5W
0201	WA50JE	539	TX	Danny	5W
0202	N1LN	599	TX	BRUCE	5W
0203	K5AAR	559	OK	DON	5W
0204	NQ7X	559	AZ	FLOYD	5W
0205	K5VUU	559	TX	ED	5W
0207	N5TW	599	TX	TOM	5W
0208	K5DI	599	NM	KARL	5W
0209	N1FN	559	CO	AET	5W
0210	N2WW	559	CO	LARRY	5W
0213	KK5LD	559	TX	DAN	5W
0215	K5OI	599	NM	TIM	5W
0217	K4FB	579	FL	PAUL	5W

0220	K0FRP	579	CO	AL	5W
0221	K10J	559	TX	OJ	5W
0223	K7RE	559	AZ	BRIAN	5W
0224	K5JHP	559	TX	BILL	5W
0225	N6WG	559	CA	BOB	5W
0228	AC5JH	559	OK	TOM	5W
0228	K5ZTY	559	TX	BILL	5W
0230	N5ET	559	TX	BOB	5W
0231	K0EVZ	589	ND	DOC	2W
0232	K5EOA	559	LA	WAYNE	5W
0234	AK7Y	559	AZ	GREG	5W
0235	AA0ZZ	559	MN	CRAIG	5W
0236	WA5REJ	559	TX	ALLEN	5W
0239	W5USJ	579	TX	CHUCK	3W
0240	KQ5U	559	TX	TERRY	5W
0242	W5HNS	579	TX	HENRY	5W
0243	W5YA	599	NM	FRED	5W
0245	N5UW	599	OK	CLIF	5W
0246	K5HKX	599	TN	PAUL	5W
0247	K4BYF	559	FL	JACK	5W
0249	KI0II	559	CO	RON	5W
0250	NK6A	599	CA	DON	5W
0251	W5YR	559	TX	GEORGE	5W
0252	AB0GO	599	CO	DAVE	5W
0253	W7ILW	559	AZ	HOWARD	5W
0254	K5DW	559	TX	DON	5W
0255	W9XT	579	WI	GARY	5W
0256	NK7M	579	AZ	BOB	5W
0257	K0MP	559	CO	BILL	5W
0258	W7AQK	579	AZ	DAVE	5W
0300	AA7EQ	559	AZ	BOB	5W
0301	W3ERU	559	MD	WES	5W
0303	K4ADI	559	SC	FRANK	5W
0304	K5AEM	599	TX	JON	5W
0305	WA7SPY	559	CA	GLENN	5W
0307	N0AR	559	MN	SCOTT	4W
0309	K0PC	559	MN	PAT	5W
0310	K6VNX	559	CA	ARLEN	5W
0312	WV9N	559	OK	RANDY	5W
0313	K5LN	559	TX	BILL	5W
0314	AC7A	599	AZ	TOM	5W
0314	W2XN	559	FL	FRED	5W
0316	WA9PWP	569	WIS	PAUL	5W
0319	N0DSP	559	CO	TOM	5W
0321	NK9G	559	WI	RICK	5W
0322	N0UR	559	MN	JIM	5W
0325	N4ROA	559	VA	DAN	5W
0326	KR5C	599	TX	GEORGE	5W

0327	WA9TZE	559	WI	JIM	5W
0329	N5EN	559	TX	STEVE	5W
0330	NV4V	559	KY	PETE	5W
0332	W5JAY/M	599	AR	JAY	3W
0333	AD8DF	559	MI	ED	5W
0336	W0UFO	559	MN	MERT	5W
0338	AF4LQ	569	KY	MIKE	5W
0339	W0PWE	559	IA	JERRY	5W
0341	WB8ICK	599	MI	MIKE	5W
0344	N4JIU	559	TX	BRUCE	5W
0345	N5IB	579	LA	JIM	5W
0347	WU9F	559	WI	TERRY	5W
0348	W0RSP	579	SD	ADE	2W
0350	W5SB	559	TX	BILL	5W
0351	WK6I	599	CA	JEFF	5W
0352	W9XU	559	WI	LON	5W
0355	K9IUA	559	ND	KEVIN	5W
0357	N7CQR	559	OR	DAN	5W
0358	W0JOE	559	MO	JOE	5W
0359	N9AW	559	WI	JERRY	5W
0400	WA50JE	559	TX	DANNY	5W
0400	KK6MC/5	559	NM	JIM	5W

Date: Fri, 16 Feb 2001 01:26:06
 From: "laura halliday" <marsgal42@hotmail.com>
 To: qrp-l@lehigh.edu
 Subject: [91802] Re: Filter design program
 Message-ID: <F185eURtvElzXqHofRV0000e30a@hotmail.com>
 Mime-Version: 1.0
 Content-Type: text/plain; format=flowed

Bob Tellefsen (n6wg@earthlink.net) wrote:

>I just discovered a fine filter design program on a
 >British site...

Cute. My favourite filter design programs are those that came with W7ZOI's Introduction to RF Design. I find GPLA's tuning functions particularly handy for tweaking responses, partly for the hell of it to see what happens (playing around is good!), and partly to accomodate preferred-value components...

Introduction to RF Design is a fab book. Buy it.

The programs are one of the reasons I maintain a DOS/Windows partition on an otherwise-Linux computer.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

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Date: Thu, 15 Feb 2001 20:54:02 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-1@Lehigh.EDU
Subject: [91803] Fox: Cub Fox Log
Message-ID: <3A8C883A.1B55@mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Evenin' ye chasers of the Fox.

Here is a preliminary log from last night's Cub Fox run. Bunch of hounds a runnin' and I was very busy with the pencil and paper log. Hope I copied all info from paper to computer correctly. Look it over and let me know. I am up again the 29th of this month. Please stop by again for another pelt. I have plenty and they are free.

0200 K0EVZ	579	ND	DOC	2W
0202 K4TJD	599	GA	TOM	5W
0203 AF4PS	579	FL	MAC	4W
0205 K4BYF	589	FL	JACK	5W
0206 W0CH 579	MO	DAVE	500mW	
0208 N2CQ 559	NJ	KEN	5W	
0209 W3PNL	589	PA	JOE	3W
0211 AA7XA	579	OK	FRANK	5W
0213 AC5JH	559	OK	TOM	5W
0215 KB3E0F	559	MD	MURPHY	3W
0216 K9IUA	599	ND	KEVIN	5W
0218 N4VM 559	TN	BRYN	5W	
0219 WB0QQT	589	NE	STEVE	5W
0221 W3SMK	559	NJ	STEVE	5W
0223 W9WIS	559	WI	MIKE	5W
0224 K5DI 559	NM	KARL	5W	
0226 KK5LD	599	TX	DAN	5W
0227 KV4EE	559	SC	CRAIG	5W

0229	AA7EQ	559	AZ	BOB	5W	
0230	N8VAR	559	OH	RON	5W	
0232	KU4TN	539	FL	JAMES	500mW	
0236	WA7TQK	579	ID	BILL	5W	
0238	W2XN	599	FL	FRED	5W	
0240	W6ABC	559	CA	JACK	5W	
0241	W3ERU	559	MD	WES	5W	
0243	N9WW	599	IL	JIM	5W	
0246	W9HL	579	IL	RANDY	5W	
0249	AF4PS	579	FL	MAC	100mW	DUPE
0251	K5DW	559	TX	DON	5W	
0256	WE9K	599	WI	GLENN	5W	
0258	KC1FB	559	CT	JIM	5W	
0259	W5YR	559	TX	GEORGE	5W	
0301	K4FB	599	FL	PAUL	4W	
0305	K4GV	599	VA	JIM	20W	
0312	N0KLV	559	MN	KEVIN	5W	
0314	K5ZTY	559	TX	BILL	5W	
0318	KJ0C	589	MO	JIM	5W	
0320	AF4LQ	559	KY	MIKE	5W	
0323	AJ4AY	599	AL	JAY	2W	
0325	KC0GXX	559	NE	TOM	3W	
0327	KI0II	579	CO	RON	5W	
0330	N10DL	559	NH	ARON	1W	
0338	KK7OQ	449	OR	JIM	5W	
0341	K4LKL	599	FL	LARC	500mW	
0345	WU9F	559	WI	TERRY	5W	
0349	N9HWC	559	IL	TOM	5W	
0353	WK6I	559	CA	JEFF	5W	
0358	N9WW	579	IL	JIM	1W	DUPE
0400	KG0LD	579	NE	BOB	5W	
0400	N4ROA					

72....Dan, N4ROA

Date: Thu, 15 Feb 2001 20:15:13 -0600 (CST)
 From: Bruce Rattray <rattray@gpfn.sk.ca>
 To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
 Subject: [91804] FOX - Team Results -
 Message-ID: <Pine.LNX.3.95.1010215201009.18516A-1000000@neale.gpfn.sk.ca>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #34 - KK6MC -

The Raiders of the Lost RF - 77

Mary - NA6E
Fred - VE3FAL
Rob - VE6JAZ
Earl - VA6RF
Bruce- VE5RC

The ScQRPions - 133

Floyd - NQ7X *
Brian - K7RE *
Conard- WS4S
Chuck - K7QO
Bob - NK7M *

The Cheeseheads - 148

Brian - AE9K
Jerry - N9AW *
Rick - NK9G *
Lou - W9XU *
Jim - WA9TZE *

The New England Hunt Club - 51

Joel - K1QM(SK)
John - K1JD
Jim - KC1FB
Aron - N1ODL
John - KB1ENS
Seab - AA1MY

The Buffalo Wings - 40

Mark - K2QO
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A

The Flying Pigs#2 - 16

Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF

The Big Dawgs - 159

ET - N1FN *
Tom - N5TW *
Larry- N2WW * Clean Sweep
Bill - K0MP *
Bob - N6WG *

The Flying Pigs #1 - 42

Diz - W8DIZ
Rick - WB6JBM
Dan - N8IE *
Brian- KB9BVN
Dave - WR50

The Houston Hounds - 150

Bill - K5ZTY *
Bill - W5SB *
Terry- KQ5U * Clean Sweep
Dan - KK5LD *
Danny- WA5OJE *

The Swamp Rats - 119

Paul - K4FB *
Jack - K4BYF *
Pete - NV4V *
Fred - W2XN *
Tom - N1TP

The Bayou City Brass Pounders - 156

Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Fox Terrors - 143

Tim - K5OI *
Don - K5AAR *
Karl - K5DI * Clean Sweep
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 86

Joel - KE1LA

John - K5JS

Wayne - K5EOA

Jim - N5IB

Tom - AC5JH *

The Underdogs - 97

Dan - N4ROA *

Roy - AB7CE

Art - KB7WW

Glenn - WA7SPY *

Ron - KI0II *

The VA Hams + OLW - 8

Mike - KT4FJ

Doug - W4IDW

Skip - K0YWD

John - W4IM

Paul - W2RIA

The NE-TX Tornados - 126

Bill - K5JHP *

Chuck - W5USJ *

Don - K5DW *

George- W5YR *

Rich - N5JI

The Minnesota North Stars - 130

Mert - W0UFO *

Scott- N0AR *

Craig- AA0ZZ * Clean Sweep

Jim - N0UR *

Pat - K0PC *

The Cockroaches - 4

Gary - KM5TY

Dave - N0IT

Rich - K7SZ

Tom - WA1VAI/3

Mike - KD5CMN

The Night Owls - 47

Thom - WI8W

Jim - KJ0C

Ed - N4XY

Ronnie- KE4VPN

John - K7FD/K7LOW

The Terminators - 26

Bill - NT1R

Thaire - W2APF

David - K7EL

Bob - N7XY

Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

..ps...the "*" beside each call means that station bagged a pelt in the
hunt.

Date: Fri, 16 Feb 2001 02:28:44 +0000
From: David Heintzleman <pstrdave@kdsi.net>
To: tentec@qth.net, qrp-1@Lehigh.EDU
Subject: [91805] TT Transverter fs
Message-ID: <3A8C905C.83775744@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi - I have a TenTEc 1208 Transverter, 20 mtr to 6 mtr, factory
assembled with manual
No 6 mtr antenna at this time, none going up soon

for sale, shipped CONUS \$85

Dave Heintzleman
K8BBM
2602 Cedarberry lane
North Platte, NE 69101

Date: Thu, 15 Feb 2001 19:35:15 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [91806] FOX Jim's There
Message-ID: <Pine.LNX.4.31.0102151930431.1772-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Guys Jim is there on 7.043 MHz and slowly moving the pack up frequency. I tried up 2 and called several times, no joy. I heard Jim working guys on or near his frequency so I killed split and called him on his frequency and he heard me.

Now to get ready for the SMK-1 schedule at 0400 on 7.039 MHz.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 15 Feb 2001 21:02:24 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [91807] C6AGS on 7.012 @ 0306Z
Message-ID: <5.0.2.1.0.20010215210013.00aa3410@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

C6AGS on 7.012 @ 0306Z

Worked on 1W with Corsair I and SLX vertical.

Very strong into midwest. Calling CQ. Great ears.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Thu, 15 Feb 2001 21:15:41 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [91808] V47X on 7.024 @ 0320Z
Message-ID: <5.0.2.1.0.20010215211359.00aab120@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

V47X on 7.024 @ 0302Z

5W with Corsair I and SLX vertical.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Thu, 15 Feb 2001 20:29:21 -0800
From: Timothy Gordish <kb9lgj@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [91809] TIP3055 good for Final Amp for SW+?
Message-ID: <3A8CACA1.2040301@arrl.net>
MIME-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

<html><head></head><body>I seemed to have fried my final RF amp in my SW+
having bumped the key and left it transmitting unknowingly. The rig recieves
and sends sidetone perfectly, but no power out.

Anyways I went to Radio Shack hoping to get a replacement for the 2SC2078
and alas I could not find one. I ended up getting a TIP3055 just to save
a trip if it will work. Can anyone tell me if this is a suitable
replacement?

Thanks!

73 de Tim

KB9LGJ

</body></html>

Date: Thu, 15 Feb 2001 22:36:29 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: kb9lgj@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91810] Re: TIP3055 good for Final Amp for SW+?
Message-ID: <3A8CAE4D.BD540EAA@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Timothy Gordish wrote:

>
> I seemed to have fried my final RF amp in my SW+ having bumped the key
> and left it transmitting unknowingly. The rig recieves and sends
> sidetone perfectly, but no power out.
>
> Anyways I went to Radio Shack hoping to get a replacement for the
> 2SC2078 and alas I could not find one. I ended up getting a TIP3055
> just to save a trip if it will work. Can anyone tell me if this is a
> suitable replacement?
>

Nope, sorry. The 3055 device family are a low frequency, low gain, high power series. This device will not function at RF. Your 2SC2078 subs to an ECG/NTE 235. This could be had from a local parts house or Mouser electronics. (not going to be too cheap however).

Good luck

72 Bob WB0POQ

Date: Thu, 15 Feb 2001 23:43:55 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: Karl Larsen <k5di@zianet.com>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Subject: [91811] SMK-1
Message-ID: <200102152344_MC2-C5C9-48DB@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Karl:

Heard you calling me right at 0410 and called you back, but no joy. You were 549 at the time. But after that, I called CQ and had a QSO with K0B=N, with 559's each way. Guess the little SMK-1 was perking all right. Let's try it again someime.

72,
--Doc/K0EVZ

Date: Fri, 16 Feb 2001 00:08:05 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: M5FRA@thersgb.net
Cc: GQRP@yahooogroups.com, QRP List <qrp-l@Lehigh.EDU>
Subject: [91812] Re: [GQRP] Re: Support for portable mast
Message-ID: <Pine.BSF.4.21.0102152335130.82342-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just a thought that I am reminded to pass along. While I would agree that the Drive on Support is a Very good choice and would recommend it. Especially if you are in a windy area.

I might Offer another Idea for consideration. If the Fishing Pole Vertical is being used as a Vertical, you can use this alternative support. I have also done it as a Dipole with #18 Teflon Stranded wire and 300 ohm feeder. Not too heavy. But requires 3 Base Units.

One Style is made by fastening a PVC Pipe Flange inside the bottom of a Five Gallon Paint Bucket with a 2" Dia. PVC Pipe about 30 " long coming up out of the center of the bucket. Cut a hole in the Lid and slide it down over the PVC pipe. If it will be a semi-permanent location, you can just fill the bucket with Wet Sand. If it is to be a portable unit, You Might wish to add pvc fittings to the bucket to allow filling with water (or your favorite Beverage :^) and a tap/plug to drain it when time to go home.

This works well for "Field Day" or HamFest Setups where you are on a paved lot. They frown on driving metal pegs into the asphalt.

I have also used a version made from a few planks of wood (2 X 4) and a Piece of 3/4" plywood on top of that. I then install a Metal Pipe Flange in the center with Nuts and Bolts. Then you screw in a 30" length of Iron Pipe. A length of PVC slips down over this (abt 48") the Fishing pole goes into the top of the PVC and Rests on the Iron Pipe.

Then you take Four 12" Gutter Spikes and hammer them thru the holes in the platform into the earth below the platform. If you can't find the Large Spikes, you can make your own using "All Thread Steel Rod" Add two Nuts to the top and Hammer a bit to bind the threads and keep them on. then sharpen the other end on the grinder.

You can make a Support Ring our of a Large Fender Washer. Drill Three Holes and Attach Heavy Fishing Line or Nylon Cords. You will need three tent pegs for the ends and maybe a hose clamp to secure the section of the pole. Actually I prefer Masking Tape. Don't want to damage the fiberglass.

Hope this provides food for thought. Just to let all know that there are several ways to get the job done.

With the Wood Base Unit, you can also use three or four bags of sand or Gravel for weights. Cloth Bags can often be obtained for free.

An old Towel can be folded and then sew the Edges closed, turn it inside out and you are in business. If you are real lucky you can get the XYL to make them for you. :^)

The Nice part about the sand bags is that you can often fill them on site when you get there.

OTOH, I used to carry a few bags of gravel or sand in the car in the winter, then spread it on the driveway in the spring. Handy if your fishin' pole and bucket are in the trunk.

Take the rig out of the glove box and set up at your favorite park or roadside rest stop.

This is especially good if you happen to live in an area that dosen't allow permanent Antennas.

GL TU

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

On Thu, 8 Feb 2001 M5FRA@thersgb.net wrote:

> Thanks to everybody who replied either via the list or direct. I think I
> wall have a go at making a drive over support. I need to persuade a
> mate to do some welding.....
>
> 73
>
> Colin, M5FRA
> G-QRP 848 FISTS 7738
>
>
> === Via the mailing list of the GQRP Club <http://www.gqrp.com> ===
>

Date: Fri, 16 Feb 2001 01:51:51 -0600
From: Jeff Logullo <logullo@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91813] Warbler Round 3 board--auggghh!
Message-ID: <3A8CDC17.41C9A464@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hope I didn't scare anybody with that subject line... the board arrived today
and it looked just fine! Stuff-n-solder; download latest Digipan; where's my
audio cables? Okay, I'm ready.

So here I sit at 1:45am, tuning in a signal... and I DON'T HAVE A STUPID SERIAL
CABLE. Or should I say that STUPID doesn't have a serial cable. It's not like I
didn't have time to prepare or anything.

Hearty thanks to Joe, N2CX and George, N2APB for the quick turnaround on the
boards. Hope to work some Warblers--tomorrow night!

72,
Jeff N0MII

Date: Thu, 15 Feb 2001 23:25:23 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [91814] AL7FS ALASKA QRP LUNCH DEAL OF THE YEAR
Message-ID: <3A8CE3F3.CB9B267F@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska!!

The certificate says it all. However, to clarify, I have totally enjoyed the hospitality of QRP operators from areas around the USA. QRP Hams in New Jersey, Atlanta, Denver, Seattle, San Francisco (+Pacificon), Des Moines, IA, Madison, WI, Lincoln NE, Hilo, HI, South Sioux City, NE and other locations have all taken time to welcome me to their areas and have taken time out of their busy schedules to get together with me. I appreciated their efforts.

If you are traveling in Alaska, I will try to schedule a lunch or breakfast with you to talk QRP and just have fun. We can even talk about Alaska if you like. I have lived up here since January 1978 and arrived at the tender age of 29.

You can contact me via email or via phone and I also tend to listen on 147.57 simplex here in town. If you are on a handitalkie, several of my friends on frequency will be glad to relay you into me if I can't hear you. Just ask them.

I only expect to pay for one meal at a time so if five of you show up on the same day, we have some negotiating to do. :-) I am sure we can work it out.

Print this message, cut out the certificate and stick it in your wallet or purse. That way you will have it when you arrive in Alaska.

|
| AL7FS AL7FS AL7FS |
| +++++ ALASKA QRP LUNCH DEAL OF THE YEAR +++++ |
| |
| This certificate is good for one free lunch |
| paid for by AL7FS at an Anchorage restaurant |
| (Not McDonalds). Time and place will be |
| mutually determined. This is good for one |
| meal for one person. Only one certificate may |

```
| be used per meal and only if we get together |
| and talk QRP. |
| Not valid for Anchorage/MatSu area hams. |
| |
| Jim Larsen, AL7FS AL7FS@QSL.NET |
| (907)345-3190 Fax (907)345-3724 |
| 145.57 Simplex http://www.qsl.net/AL7FS |
| Good until/unless Jim says "No more". |
|-----|
```

I look forward to seeing you here in Alaska whether it is this year or next. We share a great hobby and the Joy of QRP.

Who says there is no such thing as a "free lunch"?

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Fri, 16 Feb 2001 06:30:06 EST
From: GUARDM@aol.com
To: qrp-l@lehigh.edu
Subject: [91815] test do not read
Message-ID: <70.7e481f2.27be693e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Date: Fri, 16 Feb 2001 06:47:43 EST
From: GUARDM@aol.com
To: qrp-l@lehigh.edu
Subject: [91816] test dop not read
Message-ID: <5f.10fadf4d.27be6d5f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

72/73,
Mev KG9NF
Madison Wisconsin
ARS #641 QRP-L #2066 10X #7014 SOC#127
<http://www.qsl.net/kg9nf> ICQ# 49602335
"Never drive faster than the Angels can fly!" -Bumper Sticker-

Date: Fri, 16 Feb 2001 07:27:39 -0500
From: Tim O'Rourke <TO'Rourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [91817] Safari-4
Message-ID: <910D8E9955E3D411B3AE00A0C9319CB801A5CC@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Any one have a Safari-4 to sell?
Tim O'Rourke
KG4CHX

Date: Fri, 16 Feb 2001 05:51:36 -0700
From: Jeff Chambers <k11@micron.net>
To: kb7ww@chatusa.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91818] Re: OT: HTML Editor?? THANK you ALL!!!
Message-ID: <3A8D2258.C70F9B9D@micron.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A little late, but this is where I learned HTML about 5 years ago. I see that it has been updated.

<http://www.mccli.dist.maricopa.edu/tut/download.html>

Jeff
KK7MQ

Date: Fri, 16 Feb 2001 05:54:19 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: Karl Larsen <k5di@zianet.com>, ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Subject: [91819] Re: SMK-1
Message-ID: <Pine.LNX.4.31.0102160539560.769-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry Doc I didn't hear you. There was lots of QRM down here, Mexican Phone and several QRO stations. After I didn't hear you or KB9BVN (who went to bed with the flu) I heard WF6Z Fred on frequency about 579 calling CQ so I called him and got a 469 and he wasn't hearing me well at all. Fred is in Pasadena CA and runs 100 watts. I did the math and his signal should be 27 DB stronger than mine!

I think we need to get used to the SMK-1's a bit more. I bought at Walmart the best Sony earphones (\$8) and they are *GOOD*. The illegal Mexican business stations on the low end of 40 meters makes 7040 less usefull than 7142. I found if I turn attenuation off the phone was decoded fine and I can copy it well (they were haggling over the cost of 20 yards of gravel) so had to leave enough in to mute that.

Let's plan to try early in the evening when we have propogation.

On Thu, 15 Feb 2001, Wilford D. Lindsey wrote:

> Karl:
>
> Heard you calling me right at 0410 and called you back, but no joy. You
> were 549 at the time. But after that, I called CQ and had a QSO with K0BN,
> with 559's each way. Guess the little SMK-1 was perking all right. Let's
> try it again sometime.
>
> 72,
> --Doc/K0EVZ
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 16 Feb 2001 08:46:38 US/Eastern
From: n2cx@voicenet.com

To: njqrp@njqrp.org, qrp-1@lehigh.edu
Cc: nn1g@earthlink.net, n2apb@amsat.org
Subject: [91820] Warberl Run 3 boards all shipped
Message-ID: <200102161346.f1GDkcN63450@nss4.cc.lehigh.edu>

Gang,

Well now we are over that hurdle!

Replacement boards have been shipped to all those who received bad ones. The good boards arrived on Monday and all replacements were shipped by Wednesday. As has been noted, folks have now begun to receive them and get back on track.

And arrangements are being made for those who started building before they got the word about the bad boards.

Plus, we have resumed shipping Warblers. All orders received by about the first week of February have been sent out.

If you have not received your replacement board within a week or so, let us know so that we can take appropriate action. Don't laugh, some of the stuff we sent out in mid-December took 3-4 weeks for delivery even to US addresses.

Also, as has been noted here on the list, the Warbler is getting national attention through an article in the March QST by Dave, NN1G and George, N2APB. PSK-31 and QRP are really going mainstream now!

Joe N2CX and George, N2APB
for the NJQRP
club

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Fri, 16 Feb 2001 08:49:25 -0500
From: <todd_nichols@cree.com>
To: <qrp-1@Lehigh.EDU>
Subject: [91821] RE: Anyone have info on IVEX Software?
Message-ID: <0102169823.AA982331365@smtp.cree.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: "cc:Mail Note Part"

Yes, I have an opinion :-)

I have used Ivex WinDraft and WinBoard for several years. If you bought a Knightlite SMiTe, you benefitted from Ivex's putting a freely available, 100-pin demo on their web site. If you get a soon-to-be-released kit from the Knightlites, you will benefit again :-). Here are the pros and cons as I have experienced them:

- + Fairly good manuals are available for download, including a tutorial (very important)
- + A 100-pin version is available for download
- + You can buy the software online, download it, receive passwords by email, and get right to work
- + Full schematic/pcb features are available - netlist, ERC, DRC, BOM, library management, multilayer, etc.
- + Tech support is very responsive
- There have been bugs. They have been decreasing.
- A few things are hard to do, and require creative workarounds
- It's hard to make schematic symbols that are other than just boxes, or variations thereof

I use this software for both hobby and professional use. I made myself learn it, and now I am very productive with it. Any pcb software worth learning will take time. Ivex had, for me, the best price/performance ratio and the easiest entry point (manuals and tutorial). If you are used to using other pcb software, it will not be too bad to learn. If you are new to pcbs, you will have a more difficult road; there is a learning curve for pcb manufacture as well as pcb CAD and the particular software you are trying to learn. It will help if you sit and watch someone do a simple schematic and board; this can save you some time.

Finally, a word about design methodology. I don't know exactly what you want to do in terms of pcb design. Very simple, one-off designs are very easily done with a permanent marker straight onto the copper. Designs that are going to be manufactured (even in quantities

of 50), or designs
that are somewhat complicated, benefit GREATLY (and so do YOU) from the design
process:

```
draw schematic
run ERC (electrical rule checking)
export netlist
export BOM (bill of materials)
import netlist (into pcb program)
lay out board
run DRC (design rule checking)
export gerber files
get boards made
```

Make no mistake: this requires some study and practice. Offhand comments like
"I just laid out
a board" often gloss over this whole process. Yes, if I could, I would change a
couple of things in
Ivex's products. But I still make lots of boards with the software, and I'm not
the only one at work
doing it. I guess the message here is not to confuse the issues of learning pcb
design and layout
and manufacture with learning any one CAD package. I apologize if you are
already deep into this
process and I am preaching to the choir, but I hope that others will benefit
from this discussion.

Feel free to email me with specific questions.

Todd
AG4AY
todd_nichols@cree.com

Date: Fri, 16 Feb 2001 06:56:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [91822] SMK-1
Message-ID: <Pine.LNX.4.31.0102160651250.825-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It takes some getting used to. The reciver works fine and it
copies DX like JS0AR0 well with good copy. But don't call him as he is is
running 500 watts. He won't hear me.

I have called a lot of stations and come up dry. This doesn't happen at 5 watts, I use the same antenna and my Argonaut and more come back than don't.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 16 Feb 2001 09:03:09 -0500
From: "Charlie Fitts" <cfitts@neca.com>
To: <qrp-l@Lehigh.EDU>
Subject: [91823] Re: TIP3055 good for Final Amp for SW+?
Message-ID: <200102161406.JAA06653@mail.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Tim -

I tried several TO-220 transistors in my Sierra when I was doing the "power mod" and settled on a 2SC1969 as recommended by AD6A. Mouser has them for about \$3.50. Depending on the band (40M and below) an NTE186A may work well. These are about a buck cheaper but power falls off rapidly if used above 40M. I could only get about 2W out on 20M with the NTE186A but it gave a full 5W out on 40M.

73 and good luck.

Charlie Fitts, N1EI

Date: Fri, 16 Feb 2001 09:41:12 -0500
From: "Joe Trombino" <w2kj@earthlink.net>
To: <QRP-L@LEHIGH.EDU>
Subject: [91824] Full Wave Loop
Message-ID: <000f01c09826\$83251a80\$0953fc9e@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow QRP'ers:

I decided that since the weather is getting nicer I would install a full wave 80M loop.

I checked several antenna books and was surprised to find that there were at least two or three different formulas for determining the overall length of the antenna. The difference from one formula to another varied by as much as 20 feet for the same center frequency.

Is there a hard and fast way to determine the size of a full wave loop that most folks can agree upon??

Thanks for any suggestions in advance.

73, Joe W2KJ (North Carolina)

Date: Fri, 16 Feb 2001 10:06:53 -0500
From: John Wagner <john@neknetwork.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91825] Re: SMK-1
Message-ID: <3A8D420D.428A4157@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try Wayne NB6M's 5 watt mod for the SMK - it's pretty easy, and effective. He also has a 1 watt mod - both are on the Norcal web site.

FWIW, I have nothing against milliwatts, have done it myself. It does require patience on both ends.

73,

John, KB1ENS

"Karl F. Larsen" wrote:

>
> It takes some getting used to. The receiver works fine and it
> copies DX like JS0ARO well with good copy. But don't call him as he is
> running 500 watts. He won't hear me.
>
> I have called a lot of stations and come up dry. This doesn't
> happen at 5 watts, I use the same antenna and my Argonaut and more come

> back than don't.
>
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Fri, 16 Feb 2001 10:20:29 -0500
From: Pete Burbank <plburbank@kih.net>
To: w2kj@earthlink.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91826] Re: Full Wave Loop
Message-ID: <5.0.2.1.0.20010216101145.00a6c5b0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:41 AM 2/16/2001 -0500, Joe Trombino wrote:
snip

>ere a hard and fast way to determine the size of a full
>wave loop that most folks can agree upon??
>
>Thanks for any suggestions in advance.
>
> 73, Joe W2KJ (North Carolina)

Joe,
I would ask Doc K0EVZ..Based on his signal he obviously knows a lot about
loops.
73 Pete NV4V Ky

Date: Fri, 16 Feb 2001 10:38:09 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [91827] [PSK] Need help with PSK31
Message-ID: <20010216.104030.-90969.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Since my 'REPLY to one of our list members turned out to be a
' HOW TO '

I chose to 'broadcast this to the list
for whom the bell toils.

I will only follow up
'one on one / direct '
to any and to all
from this post . . .

A member of our list wrote *in part* . . .

>I want to get into PSK31 but I am very timid about the connections
between
>the rig and the PC sound card. I would greatly appreciate it if someone
can
>give me a hand holding step by step . . .

>My rigs are . . .

>The PC is a . . .

My reply in part . . .

PSK is an OUTSTANDING non intrusive,
weak signal mode and
the OPs you meet here are special too.

Lets see what we can do . . .

As I recall the Hot Water 101 is a sideband rig.
Although sideband (USB or LSB) is not an issue in PSK-31-BPSK mode,
you will need a sideband rig for sure (to transmit), but,
you can be on USB and the other station can be on LSB and
neither station knows the difference.

The CW only XCVR (HW-8) can receive (but can not XMIT) PSK-31.

I too built and still own the HW-8, guess it is a QRP collectors item
now.

A couple of pointers. . .

1) . . .

PSK-31 is a very narrow band mode (only 31 Hz) and although
the computer software does all the work (bandwidth wise) the

radio must be fairly stable (VFO wise, short term drift must be very small).

2) . . .

The 486 may be marginal (speed wise).

There has been several posts here on qrp-l of late that said it all about the 486 machines and the large PSK logging software. The conclusion was that a 486 with a true SB-16 sound card running at least 33 MHz and G3PLX software will probably work. Another software with 'WIN in the name was mentioned too as a possible 486 candidate. I am sure a list member will 'remember the correct spelling.

I have most of Peter's (G3PLX) software from v103 to v108 and it is VERY GOOD stuff.

The software is free on the Internet or I can send you a ZIP copy, e-mail or snail mail.

I run other PSK software too and like DigiPan the best because 'radio / tuning can be done with the mouse, but, I am almost 99% sure DigiPan will not run on the 486 / 33 MHz machine. A faster clock speed? Maybe?

So . . .

In order to check a couple things, we can get you up in PSK receive mode first then evaluate your hardware for speed and stability.

Twenty meters (14.070 to 14.071) is ALWAYS (24-7) PSK HOT. PSK is the 'warbling / 'whining sounding stuff.

The 'piccolo sounds and 'hash sounds and 'cyclic 'stuff are other digital modes too (but not PSK-31).

No interface is need or required for PSK-31 if your sound card has a 'LINE INPUT port (verses a 'MIKE port) (and most do) else we will need to build a resistor attenuator or keep the radio volume control VERY VERY low so not to overload the sound card input.

Just connect the radio speaker or headphone port to the computer sound card LINE input port.

Heath would always insert a NOTE here . . . so . . .

NOTE . . . Remember . . .
the speaker has two wires,
one wire will be 'hot and

the other, a return wire, will *probably* be chassis ground . . .
So . . . connect the 'return radio speaker chassis ground wire
to the computer sound card chassis ground connection.

The G3PLX software has two EXCELLENT
tuning indicators,
the 'EYE (like 'spokes on a wagon wheel) and
the 'WATER FALL (just like the name, looks like water running over the
top of a dam).

The water fall indicates two things,
radio tuning center frequency (tune radio for a center display) and
VFO stability (yours PLUS the other station) by the 'slope or 'tilt or
'drift of that display.

NOTE . . . Heath may have called this a *TIP*
Water Fall Center Freq Radio Tuning Tip . . .
Always . . . tune the radio very, very, very, S- L- O- W- . . . in
fact
much much much much much slower than
tuning any SSB signal to remove
that "Donald Duck" sound from the spoken voice.

The eye indicates three things,
PSK mode (B-PSK >two spokes on the wheel< or Q-PSK >four spokes on that
wheel<) and
errors (or noise hits via color of the spokes >green vs yellow vs red<)
and
VFO stability (the speed at which the wheel rotates).

What do you think . . .
Heath Kit enough?

Want to give it a try in receive mode and
"see" (print some PSK-31 traffic)?

73
John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 16 Feb 2001 08:47:03 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: Karl Larsen <k5di@zianet.com>, ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Subject: [91828] Re: SMK-1
Message-ID: <Pine.LNX.4.31.0102160844520.1007-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On my walk Doc W0YU said he heard you calling me about 1 khz higher than I was transmitting. I didn't even tune up that high. My problem Doc and next time I'll tune the whole darn 2 khz band. We had propogation and everything. Operator error.

On Thu, 15 Feb 2001, Wilford D. Lindsey wrote:

> Karl:
>
> Heard you calling me right at 0410 and called you back, but no joy. You
> were 549 at the time. But after that, I called CQ and had a QSO with K0BN,
> with 559's each way. Guess the little SMK-1 was perking all right. Let's
> try it again someime.
>
> 72,
> --Doc/K0EVZ
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 16 Feb 2001 09:57:29 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <w5jay@alltel.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91829] Re: For Sale:Red Hot 40
Message-ID: <005801c09831\$2b0f0d00\$349b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys its gone thank you.

73 de w5jay..

> Guys no takers so lets try this:
>
> Red Hot 40 unbuilt and new in the box \$100 shipped to your door :-)
> Thanks and 73 de w5jay..
>
> > Gang the title says it all. It is not built and new in the box. I
think
> I
> > paid around \$130 for it and would like to get as much as I can back,
> offers?
> > Going to the Tulsa hamfest this weekend and can deliver there, of course
I
> > can also ship out by carrier of your choice.
> >
> > 73 de w5jay..
> >
> > Ph-501-651-7012
> >
> >
> >
>
>
>

Date: Fri, 16 Feb 2001 09:13:07 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: John Wagner <john@neknetwork.com>
Cc: <k5di@zianet.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91830] Re: SMK-1
Message-ID: <Pine.LNX.4.31.0102160910410.1007-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John, I have seen that mode and it does look do-able. I need to get the whole thing as a file they have and study it a little. Of course what I would rather do is build one of yet announced vfo multiband units.

On Fri, 16 Feb 2001, John Wagner wrote:

> Try Wayne NB6M's 5 watt mod for the SMK - it's pretty easy, and

> effective. He also has a 1 watt mod - both are on the Norcal web site.
>
> FWIW, I have nothing against milliwatts, have done it myself. It does
> require patience on both ends.
>
> 73,
>
> John, KB1ENS
>
> "Karl F. Larsen" wrote:
> >
> > It takes some getting used to. The reciver works fine and it
> > copies DX like JS0AR0 well with good copy. But don't call him as he is is
> > running 500 watts. He won't hear me.
> >
> > I have called a lot of stations and come up dry. This doesn't
> > happen at 5 watts, I use the same antenna and my Argonaut and more come
> > back than don't.
> >
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>
> --
> John Wagner - john@neknetwork.com
> Web page: <http://www.neknetwork.com>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 16 Feb 2001 09:17:20 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Joe Trombino <w2kj@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91831] Re: Full Wave Loop
Message-ID: <Pine.LNX.4.31.0102160914450.1007-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Joe make it long at first, put your MFJ antenna analyzer on it and see where it's resonant. Do a simple ratio of freq/length = freq/length and

cut it to size. Use your noise bridge if no MFJ. A swr bridge if none of the others.

On Fri, 16 Feb 2001, Joe Trombino wrote:

> Fellow QRP'ers:

>

> I decided that since the weather is getting nicer I would
> install a full wave 80M loop.

>

> I checked several antenna books and was surprised to find
> that there were at least two or three different formulas for
> determining the overall length of the antenna. The difference
> from one formula to another varied by as much as 20 feet for
> the same center frequency.

>

> Is there a hard and fast way to determine the size of a full
> wave loop that most folks can agree upon??

>

> Thanks for any suggestions in advance.

>

> 73, Joe W2KJ (North Carolina)

>

>

>

>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 16 Feb 2001 08:27:58 -0800 (PST)

From: agtaylor@llnl.gov

To: qrp-l@lehigh.edu

Cc: w2kj@earthlink.net

Subject: [91832] Re: Full Wave Loop

Message-ID: <200102161628.IAA07255@poptop.llnl.gov>

MIME-Version: 1.0

Content-Type: TEXT/plain; CHARSET=US-ASCII

The formula given in my trusty 1974 ARRL Antenna Book is $1005/F$, giving feet around the loop. This value is for a vertically oriented (not polarized...) loop. It turns out that this value will almost always be a bit short. I put up a loop years ago for 40m and had to add two feet of wire to get the SWR minimum located correctly. I read somewhere

(antenna reflector??) that the formula should be more like $1020/F$ or such. A horizontal loop will likely (especially on 80m) have gobs of coupling into the ground, severely detuning it. I would start with 10 ft of extra wire in the loop and just check where the SWR minimum occurs. Adjust appropriately.

Good luck

K7GT

--

Allan G Taylor

agtaylor@llnl.gov

Date: Fri, 16 Feb 2001 11:43:21 -0500
From: "Victor Blackwell" <victor@brechnet.com>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [91833] Re: Full Wave Loop
Message-ID: <002901c09837\$93332640\$365730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

1004/Fmc

Date: Fri, 16 Feb 2001 11:08:15 -0600
From: Dragon Singer <dragonsinger@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [91834] OT: A cool web browser
Message-ID: <5.0.2.1.0.20010216110613.038c7ec8@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

I've been tinkering with an alternative O/S for a little over a year (Yes Linux). I've also become an avid watcher of a TV network once

known as ZDTV now TechTv. Anyway, one of the shows mentioned a freeware version of a very robust and stable webbrowser called Opera 5.0. I downloaded it and began using it just to see how stable it is. So far it has been able to handle the demands I've placed on it better than either the Netscape or Micro\$oft Internet Explorer. So far in two weeks of steady use Opera has not crashed once, while the other two candidates have crashed on a daily basis. Mileage may Vary.

I'll go put on my asbestos underwear now.

73

Yours very Sincerely and Respectfully

Wayne M. Scace

&

Leader Dog Sequoia

dragonsinger@earthlink.net

ICQ#315313

Amateur Callsign AB9BM

FISTS#4409 QRP-L #2313

Date: Fri, 16 Feb 2001 17:31:38
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [91835] Re: TIP3055 good for Final Amp for SW+?
Message-ID: <F221th93WgKVzURcWDm0000ec7d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Radio Shack provide a data sheet on their web page. After drilling down from <<http://www.radioshack.com>> one figure showed that this is not an RF transistor: Ft = 2.5 MHz.

You could make a Lowfer transmitter with it. But not an HF transmitter.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Fri, 16 Feb 2001 12:39:35 EST
From: WY1W@aol.com
To: qrp-l@lehigh.edu
Subject: [91836] Q Dope
Message-ID: <6f.11398155.27bebfd7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Can anyone provide a source where I can purchase q-dope? I tried Mouser and they no longer carry it as it is too much of a hassle to ship due it being considered hazardous material.. I need to dope down the torroids on my new Sierra and band modules prior to hitting the boonies.
Any help would be appreciated

TNX H. Butch Bacon WY1W wy1w@aol.com

Date: Fri, 16 Feb 2001 11:42:44 -0600
From: Robert McAtee <w5tnj@camalott.com>
To: qrp-l@Lehigh.EDU
Subject: [91837] PSK31, baud or cycles????
Message-ID: <3.0.3.32.20010216114244.007c8280@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have seen messages on this fine list describing PSK31 as 31 baud and others as 31 cycles wide. Which is it? Maybe both? For sure it's wider then 31 cycles, by ear, on my TS-50.
==Mac== AG5F, Abilene, TX.

Date: Fri, 16 Feb 2001 13:33:39 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [91838] Digital Potentiometer
Message-ID: <200102161807.f1GI7Dc02675@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang,

I've come up with a neat little device that replaces the pot

commonly used in our VCO tuned QRP rigs and gives it digital like tuning.

Basically, its a 12 bit serial DAC controled by an Atmel AVR cpu. Although the DAC is 12 bits, only the 10 MSB are used. Using a 32 count encoder, that's like having a 32 turn pot. Assuming a typical 50 Khz tuning range, that works out to about 50 Hz a step.

In addition to simply tuning the rig up and down, it also implements RIT and has a basic keyer built in.

It works real nice, but unfortunalty, the parts it uses are fairly expensive, so if it were make into a kit, it would have to sell for about \$30.00. Also, it uses about 10 ma of current, a bit more than I had expected.

So, I'm wondering if there'd be enough interest to produce this digi-pot / keyer gizmo?

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 16 Feb 2001 13:10:47 -0500
From: Pete Burbank <plburbank@kih.net>
To: WY1W@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91839] Re: Q Dope
Message-ID: <5.0.2.1.0.20010216130610.00a642a0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:39 PM 2/16/2001 -0500, WY1W@aol.com wrote:

>Can anyone provide a source where I can purchase q-dope? I tried Mouser and
>they no longer carry it as it is too much of a hassle to ship due it being
>considered hazardous material.. I need to dope down the torroids on my new
>Sierra and band modules prior to hitting the boonies.
>Any help would be appreciated

>

>

>TNX H. Butch Bacon WY1W wy1w@aol.com

Ocean State Electronics [HTTP://oselectronics.com](http://oselectronics.com) lists it under coil dope
They seem to carry a lot of hard to find parts.

73 Pete NV4V

Date: Sat, 16 Jun 2001 13:19:21 -0500
From: "Matthew Collier/cis/evp/Okstate" <mwc@okstate.edu>
To: qrp-1@Lehigh.EDU
Subject: [91840] Re: PSK31, baud or cycles????
Message-ID: <OFF92A02CE.56826C7D-ON862569F5.0063852C@cis.okstate.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Robert,

PSK31 is a mode I've been exploring a bit for radio astronomy applications. I ran across this website (<http://bipt106.bi.ehu.es/psk31.html>) that has a beginning set of articles, descriptions, etc. To borrow a quote from them, "PSK31 is a new digital mode...that works at 31.25 bauds...and uses advanced DSP and narrow band (31 Hz!!) techniques." So the "31" seems to have a dual meaning. Maybe the "PSK" has a dual meaning also in addition to "Phase-Shift Keying"? How about, "Pretty Slick Kommunication?" Ughh. I hate myself for that one.

72's de Matthew, AD5AP

Date: Fri, 16 Feb 2001 10:23:39 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91841] Re: Digital Potentiometer
Message-ID: <3A8D702B.5D7DE88A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>
> Hi Gang,
>
> I've come up with a neat little device that replaces the pot
> commonly used in our VCO tuned QRP rigs and gives it digital like
> tuning.
>

> Basicly, its a 12 bit serial DAC controled by an Atmel AVR cpu.
> Although the DAC is 12 bits, only the 10 MSB are used.
> Using a 32 count encoder, that's like having a 32 turn pot. Assuming
> a typical 50 Khz tuning range, that works out to about 50 Hz a step.
>
> In addition to simply tuning the rig up and down, it also implements
> RIT and has a basic keyer built in.
>
> It works real nice, but unfortunalty, the parts it uses are fairly
> expensive, so if it were make into a kit, it would have to sell for
> about \$30.00. Also, it uses about 10 ma of current, a bit more than I
> had expected.
>
> So, I'm wondering if there'd be enough interest to produce this
> digi-pot / keyer gizmo?
>

The digi-pot sounds interesting. But if, for example, I wanted to put it in my K1, I'd use only the pot part. And size and form factor (not to mention resistance range) would be important to know.

Phil W70X

Date: Fri, 16 Feb 2001 13:26:08 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [91842] Re: Q Dope
Message-ID: <v03102801b6b31fd5470b@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Q Dope is carried by GC Electronics distributors. I bought a 4 oz. bottle last year from my local distributor and paid about \$12. Getting it from a local distributor gets around problems with it being shipped to you.

The GC part numbers are:

10-3702 for the 2 fl. oz. bottle
10-3704 for the 4 fl. oz. bottle

72 and good doping,

Rick kf4ar

Date: Fri, 16 Feb 2001 13:41:02 -0500
From: Pete Burbank <plburbank@kih.net>
To: rerobins@email.uncc.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91843] Re: Q Dope
Message-ID: <5.0.2.1.0.20010216133728.00a66a60@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:26 PM 2/16/2001 -0500, Rick Robinson wrote:
>Q Dope is carried by GC Electronics distributors. I bought a 4 oz. bottle
>last year from my local distributor and paid about \$12. Getting it from a
>local distributor gets around problems with it being shipped to you.
>
>The GC part numbers are:
>
>10-3702 for the 2 fl. oz. bottle
>10-3704 for the 4 fl. oz. bottle
>
>72 and good doping,
>
>Rick kf4ar

OSE lists 10-3702 for 3.75
73 Pete NV4V
probably not a good idea to sniff it tho:-)

Date: Fri, 16 Feb 2001 13:38:15 -0500
From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [91844] Re: Full Wave Loop
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9CF9@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

How about the size that maximizes the amount of radiated power,
given the typical QRP power constraint?
--Zack W1VT

Date: Fri, 16 Feb 2001 14:17:22 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: WY1W@aol.com
Cc: qrp-l@lehigh.edu
Subject: [91845] Re: Q Dope
Message-ID: <200102161850.f1GIouc16470@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Can anyone provide a source where I can purchase q-dope? I tried Mouser and

Oh no, another q dope thread!

Well, you can make your own Q dope by dissolving a box full of styrofoam peanuts into a small amount of solvent like Tri-chlorethylene or MEK.

Of course, simply using some clear nail polish will do the job too. I often melt wax over the toroids, using a hair dryer, but that can be messy.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 16 Feb 2001 13:58:54 -0500
From: geoff allsup <gallsup@whoi.edu>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91846] Re: Q Dope - how about using Plumbers Silicone Seal
Message-ID: <3A8D786E.B168D0CC@whoi.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As the subject asks, why not use a little dab of plumbers clear seal on each one (this is the stuff that doesn't run, like silicone bathtub caulk, not self-leveling RTV).

just a thought...

73,
geoff

--

Geoff Allsup, W10H gallsup@whoi.edu or w10h@arrl.net
Upper Ocean Processes Group
Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Fri, 16 Feb 2001 11:04:04 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [91847] Q-Dope
Message-ID: <01c0984b\$3afcf780\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, you can use bee's wax, candle wax, mustache wax, model cement, clear nail polish, or even your favorite color of nail polish, purple is nice, hot glue gun, melt plastic peanuts as Steve Weber said, probably even use peanut butter in a pinch. But the main thing is to make sure that you have the toroid wire spacing set where you want it before you nail down those cores. Hey this is gonna be great Steve, even better than Dayton weather reports with all the newbies on here that missed the thread the first few times. Perfect for a Friday, grin. 72, and how is the snow? Doug, KI6DS

Date: Fri, 16 Feb 2001 14:15:02 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "GQRP" <GQRP@yahooogroups.com>, "Qrp-L" <qrp-l@Lehigh.EDU>, "NoVaQRP" <NoVaQRP@topica.com>
Subject: [91848] Attic beam ready for the contest, de N4UY
Message-ID: <GCECIJFJPOHMCKACOA0BMEGCCDAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This morning I stapled some more wire to the rafters of my attic. Added a reflector and director to my attic dipole. I had to work to get the droops of the reflector and director to match up with my old driven element :-)

The results -- between 1705 and 1810 UTC I worked ew6dx, yu7bcp, 9a9r, 7x4an

and v47x. Hope this antenna works as well in the contest!

73,

Jake - N4UY
Vienna, VA
(Wash DC suburbs)

Date: Fri, 16 Feb 2001 11:09:56 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [91849] Re: Anyone have info on IVEX Software?
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76B53@hq-expo2.filenet.com>

I thought I would summarize the direct responses I received from the group:

There were many thoughtful replies to this post and I appreciate all who took the time to provide truly insightful observations based on their use of the IVEX products. An alarming number of them, however, reported that they felt the IVEX products were buggy and would gag or GPF occasionally. I was left with the impression that, while the intentions were honorable, the company had a lot of work to do.

What drew me to the software was (1) the ability to produce schematic diagrams and (2) the ability to do SPICE modeling in order to learn more about electronics. Many of the respondents -- including AG4AY -- pointed out that they used the IVEX products to produce PCB layouts -- and that it performed reasonably well. That area is not one of my major concerns, being a devotee of Manhattan construction after seeing the elegant work of Jim Kortge, Chuck Adams, and other denizens of this list. Perhaps down the road..

My opinion is that I will try out their demo. It has a 50-pin limitation which means 25 resistors or 16 transistors and a diode (chortle) but should be more than serviceable to show me what a registered version provides in the way of functionality. I am particularly interested in their SPICE package. Since I am a software developer, it allows me to "play on my workbench" during lunch hours and breaks (Shhhh! Don't tell my boss!). It also cuts down on my diving into my junk box and tacking together circuits.

On another note, because of the IVEX products, I rediscovered a recommendation made to me some time ago: MicroCap 6.0. They offer a schematic/SPICE tool that is very good. Their student/free demo is good for 50 parts and can be had at:

<http://www.spectrum-soft.com/>

It's an all-in-one package and is obviously for a higher budget than most of us have: \$3500 for a single-user license. But, again, the student version is quite good.

Sorry for the bandwidth; I hope this info is of use..

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Fri, 16 Feb 2001 14:18:07 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <w2kj@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91850] Re: Full Wave Loop
Message-ID: <00a901c0984d\$32b1f100\$9e10a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Joe ,
I've done a fair amount of work with large horizontal loops. The formula that is most often used for resonate loops is $1004/\text{Fmhz} = \text{length in feet}$. (why you'd want to go with single band coax feed though is a little mystifying as an 80m horizontal loop will play very well when used with tuned feeders on other bands.) But if your contemplating a single vertical loop I've found the above formula to large. I usually use $940/\text{fmhz} = \text{length in feet}$. The 1004 formula works well in multi-element directional arrays. you'd be closer to resonance with the 940 formula.. try it and you'll be happy.
73 Dave kc1di

----- Original Message -----
From: "Joe Trombino" <w2kj@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 16, 2001 9:41 AM
Subject: Full Wave Loop

> Fellow QRP'ers:
>
> I decided that since the weather is getting nicer I would
> install a full wave 80M loop.

>
> I checked several antenna books and was surprised to find
> that there were at least two or three different formulas for
> determining the overall length of the antenna. The difference
> from one formula to another varied by as much as 20 feet for
> the same center frequency.
>
> Is there a hard and fast way to determine the size of a full
> wave loop that most folks can agree upon??
>
> Thanks for any suggestions in advance.
>
> 73, Joe W2KJ (North Carolina)
>
>
>
>

Date: Fri, 16 Feb 2001 14:19:39 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <dragonsinger@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [91851] Re: A cool web browser
Message-ID: <00b701c0984d\$69341aa0\$9e10a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Use Opera here most of the time also, very nice browser.
73 dave

----- Original Message -----

From: "Dragon Singer" <dragonsinger@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 16, 2001 12:08 PM
Subject: OT: A cool web browser

> Hi Gang,
> I've been tinkering with an alternative O/S for a little over a
> year (Yes Linux). I've also become an avid watcher of a TV network once
> known as ZDTV now TechTv. Anyway, one of the shows mentioned a freeware
> version of a very robust and stable webbrowser called Opera 5.0. I
> downloaded it and began using it just to see how stable it is. So far it
> has been able to handle the demands I've placed on it better than either
> the Netscape or Micro\$oft Internet Explorer. So far in two weeks of

steady
> use Opera has not crashed once, while the other two candidates have
crashed
> on a daily basis. Mileage may Vary.
> I'll go put on my asbestos underwear now.
> 73
>
> Yours very Sincerely and Respectfully
>
> Wayne M. Scace
> &
> Leader Dog Sequoia
>
> dragonsinger@earthlink.net
> ICQ#315313
> Amateur Callsign AB9BM
> FISTS#4409 QRP-L #2313
>
>

Date: Fri, 16 Feb 2001 19:19:52
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [91852] Re: PSK31, baud or cycles????
Message-ID: <F1643MSi6xzmewGUSp30000edf2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

It's 31.25 bits per second, and 31.25 Hz wide.

In theory, anyway.

These numbers are not guesses. They may be calculated. Calculating power spectral density from scratch is a pain. Calculating it with the Wiener-Khinchine Theorem (PSD = Fourier transform(autocorrelation)) is a lot easier. See, for example, Communication Systems by Haykin, who also points out that a chap named Albert Einstein came up with results equivalent to Messrs. Wiener and Khinchine, but a lot earlier...

In practice, transmitter distortion will produce some IMD products. But a PSK31 signal will still fit very comfortably in 50 Hz bandwidth, unless something is wrong with the transmitter.

There is nothing advanced about the DSP used. It's just coherent BPSK demodulation. Nothing to it. :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Fri, 16 Feb 2001 14:58:59 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: Phil Wheeler <w7ox@earthlink.net>
Cc: qrp-l@lehigh.edu
Subject: [91853] Re: Digital Potentiometer
Message-ID: <200102161932.f1GJWWc27097@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> The digi-pot sounds interesting. But if, for example, I wanted to put
> it in my K1, I'd use only the pot part. And size and form factor (not
> to mention resistance range) would be important to know.
>
Phil, et all,

I guess I need to be more clear. The output is a variable voltage.
The output of the DAC is 0 to 4.096 volts. That will go into an op
amp, with adjustable gain, so the actual FS voltage can be adjusted
to give you your desired tuning range. I may also build in a zero
offset, so you can also set the min output voltage.

As for form factor, it would, of course, be as small as possible.
Currently, the SO-8 versions of the DAC are back ordered until June,
so will need to use DIP parts. It's looking like it would be about 2"
x 1.5" right now.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 16 Feb 2001 14:52:00 -0500
From: John R Kirby <n3aaz-qrp@juno.com>

To: qrp-1@Lehigh.EDU
Subject: [91854] Baud
Message-ID: <20010216.145206.-230281.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Mr Watt, Mr Hertz, Mr Ohm and Mr Baudot
(to name only a few)
all have at least one thing in common.

>Baud< is a unit of signalling time
equal to one pulse (or event or symbol) per second.

The signalling rate in "baud" can be found
by dividing the shortest pulse length (or event or symbol) into one.

What do you divide into one to find Hertz ?

answer . . . Hz = 1 / time

73
John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 16 Feb 2001 14:55:03 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "NoVaQRP" <NoVaQRP@topica.com>, "Qrp-L" <qrp-1@Lehigh.EDU>, "GQRP" <GQRP@yahoogroups.com>
Subject: [91855] Attic beam -- the details, de N4UY
Message-ID: <GCECIJFJPOHMCKACOA0BKEGECDA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a couple questions about my attic beam antenna so figured I'd provide more details.

The old attic antenna was (and still is) for 10, 15 and 20m. In December 1999 I stapled 3 dipoles to the rafters of my attic and attached them to a common coax feed line. The antenna worked well -- got 130 counties on it -- 123 of them QRP (got 100 confirmed -- 93 QRP).

I've been thinking about putting a couple more 10m elements in the attic and finally got around to it today. The 10m reflector is 10% longer than the driven element and 2' in back of it. The director is 10% shorter and 2' in front (can you tell that my rafters are 2' apart?). Its "pointed" at about 55 degrees (kind of ENE) which takes my sig over the north Atlantic, down the Med and into the Middle East (I hope).

I made a few contacts this morning before I added the 2 elements and my feeling is that the additional elements made it easier to hear my signal -- I'll find out this weekend.

73,

Jake - N4UY
Vienna, VA
(Wash DC suburbs)

Date: Fri, 16 Feb 2001 15:05:41 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [91856] Problem : NC40A "Birdie"
Message-ID: <001601c09853\$d80fde40\$08a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm upgrading a little station I built in a lunchbox a few years ago and am going to use an NC40A. I built it from scratch but etched a board similar to the kit and built it over a ground plane. It's always had a "birdie" at 7.02 which I couldn't find so I learned to tolerate it.

Could anybody give me an idea what could be causing it or how to find it? I can hear both sides of it & the BFO waveform looks good. I can continue putting up with it, but I'd sure like to get rid of it while I'm repackaging the radio.

Thanks!

Denny Payton, N9JXY

Auburn, IN

Date: Fri, 16 Feb 2001 15:12:51 -0500
From: Pete Burbank <plburbank@kih.net>
To: ki6ds@dph.dpol.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91857] Re: Q-Dope
Message-ID: <5.0.2.1.0.20010216150422.00a7abf0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:04 AM 2/16/2001 -0800, Doug Hendricks wrote:
>Well, you can use bee's wax, candle wax, mustache wax, model cement, clear
>nail polish, or even your favorite color of nail polish, purple is nice, hot
>glue gun, melt plastic peanuts as Steve Weber said, probably even use peanut
>butter in a pinch. But the main thing is to make sure that you have the
>toroid wire spacing set where you want it before you nail down those cores.
>Hey this is gonna be great Steve, even better than Dayton weather reports
>with all the newbies on here that missed the thread the first few times.
>Perfect for a Friday, grin. 72, and how is the snow? Doug, KI6DS

Yes and it's not even a full moon:-)
I've used everything but the peanut butter.
73 Pete NV4V:-)

Date: Fri, 16 Feb 2001 15:23:52 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Subject: [91858] SMK-1 on from ND tonight
Message-ID: <200102161524_MC2-C5C7-BBCE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

I plan to be on the air tonight with the SMK-1 on about 7.039 or so. Wil=
1
begin about 0000. Can't move much. If you hear me, please give a holler=
. =

The rig is putting out about 275 mW.

72,

--Doc/K0EVZ

Date: Fri, 16 Feb 2001 15:24:32 -0500
From: "Brian" <bmurrey@amexol.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [91859] 2N4124
Message-ID: <000901c09856\$79b972e0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey all....are 2N4124 transistors of any use to a QRPer?

I looked at the data sheet but i don't know what I'm looking at.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Fri, 16 Feb 2001 14:53:52 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [91860] Key Anti-Skid
Message-ID: <3.0.2.32.20010216145352.007f6d20@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Key and Keyer users,

I found one way that keeps my key from sliding around on my desk top. I tried the fabric stickies and they helped some (until they collect dust).

What is working the best is a mouse pad turned upside down. I have one that was fabric covered, is 3/16 thin, and fairly dense foam. I started off with the fabric side down and that worked somewhat but the whole thing was sliding around.

Then I peeled the fabric off. Now the pad doesn't slide and neither does the key. My hand is on the pad too so the hand-key alignment stays more consistent. Some of the other pads I have have softer foam and even the small code warrior key rocks sideways in this foam. The thinner, denser stuff seems to work the best.

The idea actually come from something Lew, N5ZE, had done. He used a mouse pad turned upside down to help hold his SMK-1 in place while he was building it.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 45, States - 21, DX - 8, 3W to HF9V (or W9INN Inv V)

Date: Fri, 16 Feb 2001 12:57:31 -0800 (PST)
From: Jim NOUR <n0ur@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [91861] FOX: Raw log NOUR
Message-ID: <20010216205731.34447.qmail@web10405.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I hope I worked all who showed up, I know I missed a few, lots of local noise here. Fun to work K7RE/C6A and a XA5 station. Sorry about the format. Thanks for letting me run as Fox again.

>
> TIME CALL RST SEC NAME POWER
> 0200 WOPWE 599 IA JERRY 5W
> 00 K0EVZ 579 ND DOC 2W
> 01 K9IUA 559 ND KEVIN 5W
> 02 K0MP 559 CO BILL 5W
> 02 K5VUU 559 TX ED 5W
> 03 WA9TZE 559 WI JIM 5W
> 03 VE5RC 559 SK BRUCE 5W
> 04 N9AW 559 WI JERRY 5W
> 05 K0SQ 599 MN CHUCK 5W
> 05 N5WL 559 OK BILL 5W

> 06	W9XU	559	WI	LON	5W	
> 06	N2CQ	559	NJ	EKEN		5W
> 07	W5YR	559	TX	GEOGE		5W
> 08	N8IE	589	OH	DAN	5W	
> 08	WE9K	559	WI	GLENN		5W
> 09	NK9G	559	WI	RICK		5W
> 10	W9XT	5789	WI	GARY		5W
> 10	K4ADI	559	SC	FRANK		5W
> 11	N4ROA	559	VA	DAN	4W	
> 14	AE9K	559	WI	BRIAN		5W
> 15	W5SB	559	TX	BILL		4W
> 15	K5DI	579	NM	KARL		5W
> 16	NQ7X	559	AZ	FLOYD		5W
> 17	VA6RF	559	AB	EARL		5W
> 17	K2QO	559	NY	MARK		5W
> 18	WB8RCR	559	MI	JOHN		2W
> 18	W8PIG	589	OH	PORKY		5W
> 19	KK5LD	559	TX	DAN	5W	
> 20	K5ZTY	559	TX	BILL		5W
> 21	K0FRP	599	CO	AL	5W	
> 22	N5UW	579	OK	CLIFF		5W
> 22	K4GT	559	GA	JIM	5W	
> 23	N9KW	599	IL	JOHN		5W
> 24	W0CH	579	MO	DAVE		5W
> 24	W8RU	599	MI	RON	2W	
> 25	W5USJ	559	TX	CHUCK		5W
> 26	WB8ICN	589	MI	MIKE		5W
> 26	KI0RB	559	CO	VINCE		5W
> 27	AA2PF	559	NY	DAVE		5W
> 28	KQ5U	559	TX	TERRY		5W
> 29	KC1FB	559	CT	JIM	5W	
> 30	N3AO	559	PA	CARTER		5W
> 30	AK7Y	559	AZ	GREG		5W
> 31	N5EN	559	TX	STEVE		5W
> 32	W5HNS	559	TX	GARY		5W
> 32	W5YA	559	NM	FD	5W	
> 33	N8VAR	559	OH	RON	5W	
> 34	N5GLQ	559	LA	MIKE		5W
> 35	K7RE/C6A	559	C6A	BRIAN		5W
> 36	N6WG	559	CA	BOB	5W	
> 37	K5OI	559	NM	TIM	5W	
> 38	AF4PS	579	FL	MAC	3W	
> 39	K5JHP	559	TX	BILL		5W
> 40	W0RW	579	CO	PAUL		5W
> 41	K5EOA	559	LA	WAYNE		5W
> 42	KI0II	559	CO	RON	5W	
> 43	AA7EQ	559	AZ	BOB	5W	
> 44	K4FB	559	FL	PAUL		5W

> 44	N2ZHY	559 NJ	DAVID	5W
> 45	K3NG	559 PA	GORDY	5W
> 46	N9QIL	559 IN	KEN	5W
> 47	KB7WW	559 OR	ART	5W
> 48	KQ5U	559 TX	TERRY	5W
> 48	KF4VTM	559 VA	DAN	4W
> 49	VE6BF	599 AB	BILL	100W
> 50	K5AAR	559 OK	DON	5W
> 51	K5HKX	559 TX	PAUL	5W
> 52	K5LN	559 TX	BILL	5W
> 53	NV4V	559 KY	PETE	5W
> 54	W3PNL	579 PA	JOE	3W
> 55	WA5OJE	559 TX	DANNY	5W
> 56	WA7TQK	559 ID	BILL	5W
> 56	WA5REJ	559 TX	AL	5W
> 58	W2XN	339 FL	FRED	5W
> 0300	WS4S	569 TN	CONARD	5W
> 01	KJ0C	559 MO	JIM	5W
> 01	K4BYF	559 FL	JACK	5W
> 02	N10DL	559 NH	ART	5W
> 03	AC5JH	559 OK	TOM	5W
> 04	NK7M	559 AZ	BOB	5W
> 05	W1HUE	559 ID	LARRY	5W
> 05	VE6EX	559 AB	DAN	5W
> 06	NK6A	559 CA	DON	5W
> 08	K7FD	559 OR	JOHN	5W
> 09	K6VNX	559 CA	ARLEN	5W
> 10	AA7XA	579 OR	FRANK	5W
> 11	K7TQ	559 ID	RANDY	5W
> 12	AD6JY	559 CA	BILL	5W
> 13	N5IB	559 LA	JIM	5W
> 13	K5DW	559 TX	DON	5W
> 14	K0PC/M	599 MN	PAT	1W
> 15	K5JS	559 LA	JOHN	2W
> 16	N4VM	559 TN	BRYN	5W
> 17	N3YSI	559 PA	PAUL	3W
> 17	KD7CTF	559 OR	LEE	5W
> 18	AF4LQ	579 KY	MIKE	5W
> 19	NU8S	559 OH	DENNIS	2W
> 20	N4JIU	559 TX	BRUCE	5W
> 21	N1TP	559 FL	TOM	5W
> 22	N1LN	559 TX	BRUCE	5W
> 22	N0DSP	559 CO	TOM	5W
> 24	W3ERU	559 MD	WES	5W
> 25	KE6RS	559 CA	RON	5W
> 26	K10J	559 TX	OJ	5W
> 27	AD2A	559 NJ	DAVID	5W
> 28	AB0GO	559 CO	DAVE	5W

> 29	XA5T	599	XE	PABLO	5W
> 31	K4BYF	559	FL	JACK	5W
> 32	K5NZ	559	TX	MIKE	5W
> 33	N5TU	599	TX	EARL	5W
> 37	WA3WAW	559	PA	BERT	5W
> 41	W6ABC	559	CA	JACK	5W
> 42	W9UQB	559	AZ	MIKE	5W
> 43	K8CV	559	FL	WALT	5W
> 44	W3SMK	559	PA	MIKE	5W
> 44	N0AR	559	MN	SCOTT	5W
> 45	N5OHL	559	OK	JIM	5W
> 51	WV9N	559	OH	RANDY	5W
> 52	W0UFO	559	MN	MERT	5W
> 56	W9JOP/4	559	VA	BOB	350MW
> 59	AA0ZZ	559	MN	CRAIG	5W
> 0400	N0UR	599	MN	JIM	5W
>					
>	TOTAL	122			
>					
>					
>					
>					

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Date: Fri, 16 Feb 2001 13:09:09 -0800
From: <schoon@amgt.com>
To: <qrp-1@Lehigh.EDU>, <w2kj@earthlink.net>
Subject: [91862] RE: Full Wave Loop
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-
BD-010216210909Z-1812@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

It depends on how you plan on feeding the thing.... If you can use
ladderline and a tuner - go ahead. Put as much wire in the air as
possible, the more the better. Not only will this type of loop be
multiband, as you go higher in freq, it starts to approach the
performance of a rhombic as the total wavelength of wire in the air is
much larger!!

.mark

>-----

>From: Joe Trombino[SMTP:w2kj@earthlink.net]

>Sent: Friday, February 16, 2001 6:41 AM

>To: Low Power Amateur Radio Discussion

>Subject: Full Wave Loop

>

>Fellow QRP'ers:

>

>I decided that since the weather is getting nicer I would

>install a full wave 80M loop.

>

>I checked several antenna books and was surprised to find

>that there were at least two or three different formulas for

>determining the overall length of the antenna. The difference

>from one formula to another varied by as much as 20 feet for

>the same center frequency.

>

>Is there a hard and fast way to determine the size of a full

>wave loop that most folks can agree upon??

>

>Thanks for any suggestions in advance.

>

>73, Joe W2KJ (North Carolina)

>

>

>

Date: Fri, 16 Feb 2001 21:15:26

From: "Mike WA8BXN" <hubby2k@hotmail.com>

To: kd1jv@moose.ncia.net

Cc: qrp-l@Lehigh.EDU

Subject: [91863] Re: Digital Potentiometer

Message-ID: <F2090iqEM76y5KNAaS90000e773@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>So, I'm wondering if there'd be enough interest to produce this

>digi-pot / keyer gizmo?

Hmmmmm \$30 for a complete parts kit? That is kinda high. A good keyer kit runs \$20, so basically if you don't already have the keyer the digital pot is \$10. Will your keyer have memory? Will there be the capability to

linearize the tuning curve? Actually your price is quite competitive.

A second step: Since you are controlling the voltage digitally, how about some presets? Can you drive a seven segment display with your counts? Can you also count frequency? If so that could feed back to the output voltage you are simulating. A little different phased lock loop. I could go \$50 for all that, and I supply the VFO itself. Would be an interesting building block for rigs.

73 - Mike WA8BXN

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Date: Fri, 16 Feb 2001 13:57:41 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: dpayton@fwi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91864] Re: Problem : NC40A "Birdie"
Message-ID: <3A8DA255.EB6C877@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis Payton wrote:

>
> I'm upgrading a little station I built in a lunchbox a few years ago and am
> going to use an NC40A. I built it from scratch but etched a board similar to
> the kit and built it over a ground plane. It's always had a "birdie" at 7.02
> which I couldn't find so I learned to tolerate it.
>
> Could anybody give me an idea what could be causing it or how to find it? I
> can hear both sides of it & the BFO waveform looks good. I can continue
> putting up with it, but I'd sure like to get rid of it while I'm repackaging
> the radio.
>

Mine has a birdie at 7020 as well, Dennis. Mine is a Wilderness Radio kit. It would be interesting to hear if anyone does *not* have such a birdie. Likely some analysis of the design will reveal its cause; I suspect it may be unavoidable.

At least it isn't on 7040 :-;

Phil W7OX

Date: Fri, 16 Feb 2001 17:28:10 -0500
From: "Chris" <w4yyz@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91865] Re: A cool web browser
Message-ID: <01a201c09867\$be6dbc50\$264d2041@blitzk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've used Opera for years, as a registered user I still think IE is better within windows. Best thing to do is to update IE, and DON'T install either Opera or Nutscape.

When in Xwin (or Xfree... etc) I use either Nutscape or Opera.

I think Leo and the gang from TechTV would probably have the same feeling.

> Use Opera here most of the time also, very nice browser.
> 73 dave
> ----- Original Message -----
> From: "Dragon Singer" <dragonsinger@earthlink.net>
>
> > Hi Gang,
> > I've been tinkering with an alternative O/S for a little over a
> > year (Yes Linux). I've also become an avid watcher of a TV network
> once
> > known as ZDTV now TechTv. Anyway, one of the shows mentioned a freeware
> > version of a very robust and stable webbrowser called Opera 5.0. I
> > downloaded it and began using it just to see how stable it is. So far
> it
> > has been able to handle the demands I've placed on it better than either
> > the Netscape or Micro\$oft Internet Explorer. So far in two weeks of
> steady
> > use Opera has not crashed once, while the other two candidates have
> crashed
> > on a daily basis. Mileage may Vary.

Date: Fri, 16 Feb 2001 17:22:04 -0500
From: George Murphy <ve3erp@encode.com>
To: ve3erp@encode.com
Subject: [91866] Hamcalc
Message-ID: <4.3.2.7.0.20010216170345.00a92110@encode.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

To all you wonderfully friendly and supportive people Out There who have asked for my advice on computer related topics:

I apologize for not being qualified to answer many of your questions. Although I write computer software, when it comes to understanding computers, I myself am actually a PABAMIS user with ANIICI, and am therefore not much help. Please forgive!

:o)

Murph, Ve3erp
The Hamcalc Guy

PABAMIS (pab' a miss): Push A Button And Make It So
ANIICI: (ann' ee see): Absolutely No Interest In Computer Innards

Date: Fri, 16 Feb 2001 14:43:28 -0800
From: "Bob White" <bobwhite@innercite.com>
To: <QRP-L@lehigh.edu>
Subject: [91867] Mounting the MP-1 on the FT-817
Message-ID: <00c301c09869\$ee227ec0\$3d72b89e@ssd.loral.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi All,

I have uploaded instructions and pictures for mounting the MP-1 portable antenna on to the FT-817 in the file section of the FT817 list at

<http://groups.yahoo.com/group/FT817/files/MP-1>

73,
Bob White W03B
W03B@innercite.com
916 605 5401

Date: Fri, 16 Feb 2001 17:46:37 EST
From: GUARDM@aol.com
To: qrp-l@lehigh.edu
Subject: [91868] WTB Poqet PC
Message-ID: <e5.26fa2b1.27bf07cd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Looking for a Poqet PC. If you have one to sell, Please let me know

72/73,
Mev KG9NF
Madison Wisconsin
ARS #641 QRP-L #2066 10X #7014 SOC#127
<http://www.qsl.net/kg9nf> ICQ# 49602335
"Never drive faster than the Angels can fly!" -Bumper Sticker-

Date: Fri, 16 Feb 2001 17:49:18 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, QRP Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [91869] Beacon Keyer Help???
Message-ID: <3A8DAE6E.CADBA0F8@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I wonder if anyone has any plans for a low current draw memory keyer that can be used for a beacon? The reason I am asking is that I want to put a low powered beacon on the mountain top(hills for those out west) next to my QTH. I would like to use a battery and some solar cells to keep it running. The transmitter will be running approx. 150-200mw , so the need for a low current keyer is needed. Any ideas out there...

Fred
VE3FAL
VA3SBB/BCN 28.241
VE3LTQ Little Thunder QRP Club

Date: Fri, 16 Feb 2001 14:54:50 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <plburbank@kih.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91870] Re: Q-Dope
Message-ID: <00cd01c0986b\$78886060\$92414cd1@johnmori>

Ooohh Noooo!

The dreaded Q-Dope thread =8-\

73,

John, K6QQ

Date: Fri, 16 Feb 2001 18:02:08 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <gallsup@whoi.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91871] Re: Q Dope - how about using Plumbers Silicone Seal
Message-ID: <00b301c0986c\$8dfe0a20\$ba440f3f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Take a look at <http://www.qrp.pops.net/w7el.htm> for some information on coatings for coils and make your own decisions about whether to use Plumbers putty or peanut butter or whatever.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:
<http://www.w3fpr.webprovider.com>
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "geoff allsup" <gallsup@whoi.edu>

> As the subject asks, why not use a little dab of plumbers clear seal on
> each one (this is the stuff that doesn't run, like silicone bathtub

```
> caulk, not self-leveling RTV).
>
>
```

Date: Fri, 16 Feb 2001 18:31:41 -0500 (EST)
From: <baltimoremd@baltimoremd.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91872] Re: Q Dope
Message-ID: <Pine.BSI.4.05L.10102161827020.15912-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 16 Feb 2001, Steven Weber wrote:

```
>  
> Oh no, another q dope thread!
```

One way to cut down with the repeat threads would be an online database containing the common questions and answers.

I've done one for drake owners, and would be happy to do the same for QRP. You can get an idea of how it works by visiting <http://www.zerobeat.net/drakelist/> and selecting the Drake Online Database

If you're so inclined, there's a link at the bottom of the drakelist page that drops you into the QRP page.

73
Thom

[illegible]

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and Drake Mail List Pages

Date: Fri, 16 Feb 2001 18:11:45 -0500
From: "Russ Hines" <radioruss@fuse.net>

To: <k6qq@hdo.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91873] Re: Q-Dope
Message-ID: <000b01c0986d\$d60e6a20\$1b2b44d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ooohh Noooo!

You got Q-Dope on your threads??

You either need Loc-Tite or a laundry. ;-)

73,
Russ Hines
WB8ZCC
radiatoruss@fuse.net
wb8zcc@arrl.net
<http://home.fuse.net/radiatoruss>

----- Original Message -----

From: John Moriarity <k6qq@hdo.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, February 16, 2001 5:54 PM
Subject: Re: Q-Dope

> Ooohh Noooo!
>
> The dreaded Q-Dope thread =8-\
>
> 73,
>
> John, K6QQ
>
>
>
>

Date: Fri, 16 Feb 2001 15:05:40 -0500
From: Somerville <somerville@uniserve.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [91874] Morse Midi

Message-ID: <3A8D8814.5F05BCBB@uniserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone used MorseMidi by UR5EMI? Comments.

73 John/VE7CFG

Date: Fri, 16 Feb 2001 17:44:20 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91875] Re: Beacon Keyer Help???
Message-ID: <002001c09872\$62c2c840\$9a703ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Fred,

The Super CMOS Keyer should do the trick. I built mine from a QST article in 1981 and have only had to change the batteries a few times since then, and doesn't even have a power switch!

I think the latest version is the Super CMOS Keyer III. Mine didn't originally have a beacon mode but I installed a switch that essentially shorts out the first memory activation switch and this causes the message in the first memory bank to repeat over and over.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Fri, 16 Feb 2001 17:00:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91876] Re: SMK-1 on from ND tonight
Message-ID: <Pine.LNX.4.31.0102161658300.802-100000@cannac.ampr.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Doc I will be listening for you and 0000 is about 3 minutes away. I will tune the whole darn band, all 2 KHz. And I got the proper parts for the last two components on mine today. Will mount them later.

On Fri, 16 Feb 2001, Wilford D. Lindsey wrote:

> Gang:
>
> I plan to be on the air tonight with the SMK-1 on about 7.039 or so. Will
> begin about 0000. Can't move much. If you hear me, please give a holler.
> The rig is putting out about 275 mW.
>
> 72,
> --Doc/K0EVZ
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

End of QRP-L Digest 2100

